

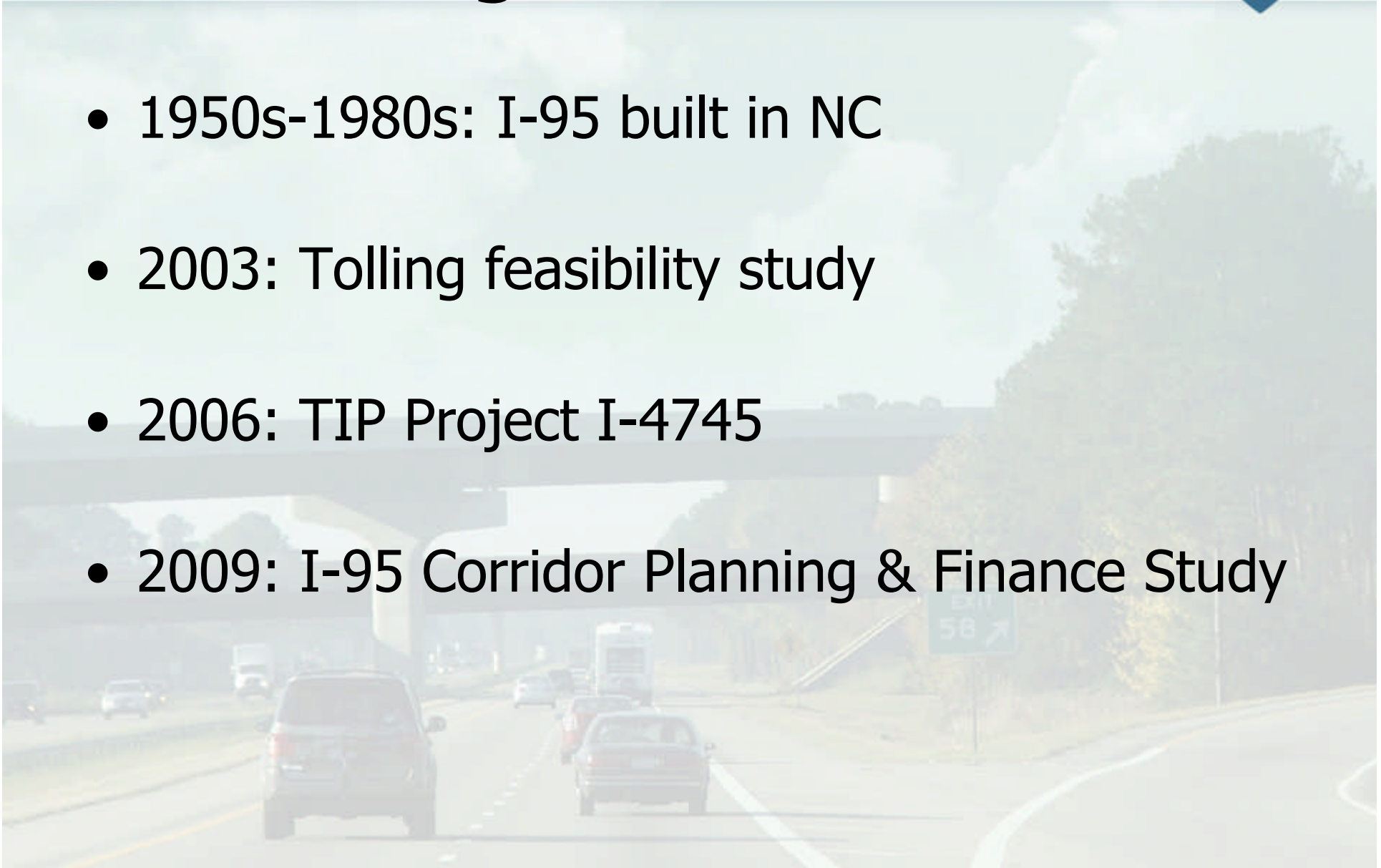


I-95 Corridor Planning & Finance Study

I-95 Background



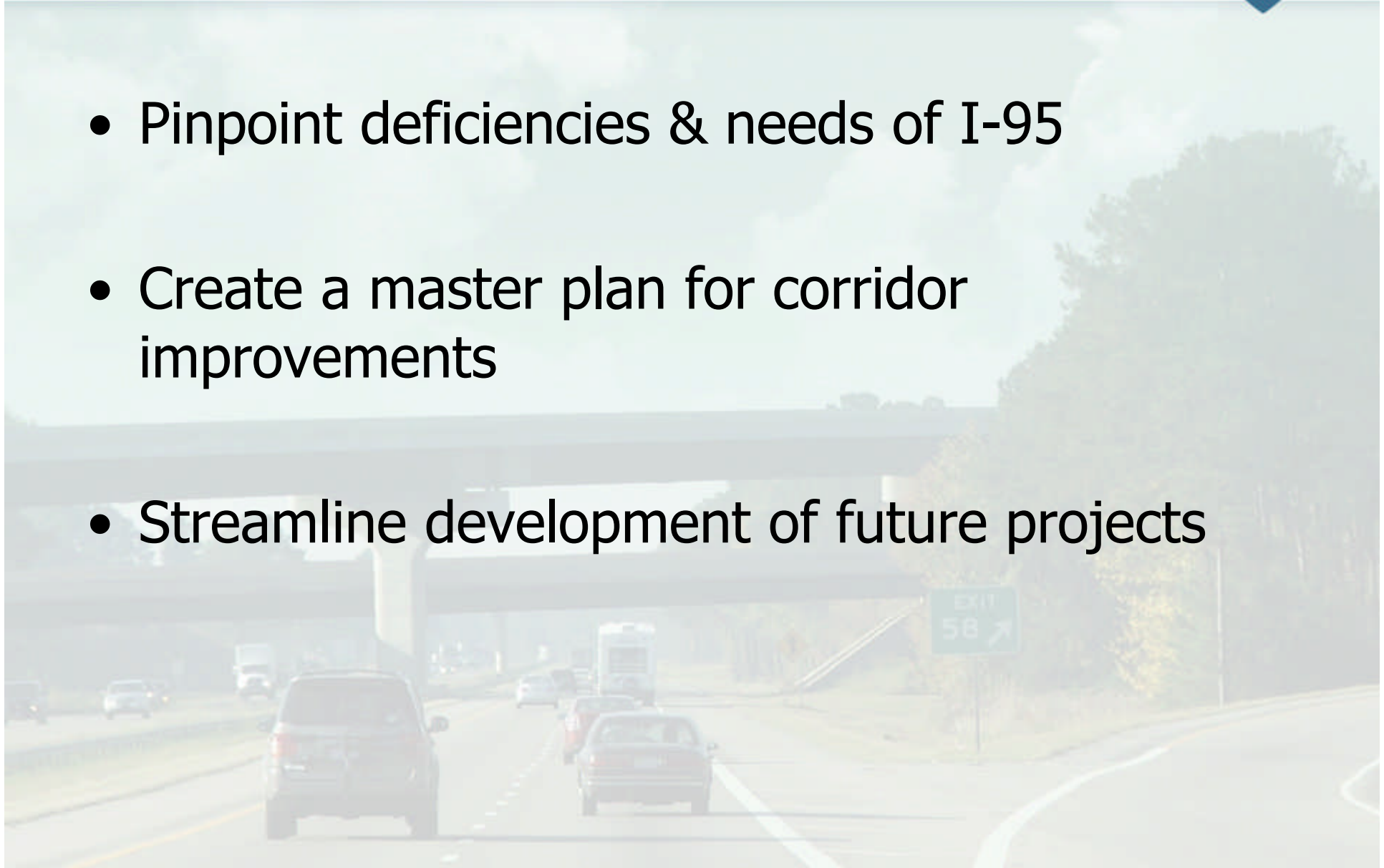
- 1950s-1980s: I-95 built in NC
- 2003: Tolling feasibility study
- 2006: TIP Project I-4745
- 2009: I-95 Corridor Planning & Finance Study



Need for Proposed Study



- Pinpoint deficiencies & needs of I-95
- Create a master plan for corridor improvements
- Streamline development of future projects



Proposed Study



- Two consultants: Baker & PBS&J
- Project Elements:
 - Environmental Screening
 - Traffic Forecast Model
 - Public Involvement
 - Needs Assessment
 - Alternatives Analysis
 - Financial Model
 - Phasing & Implementation Plan

Environmental Screening



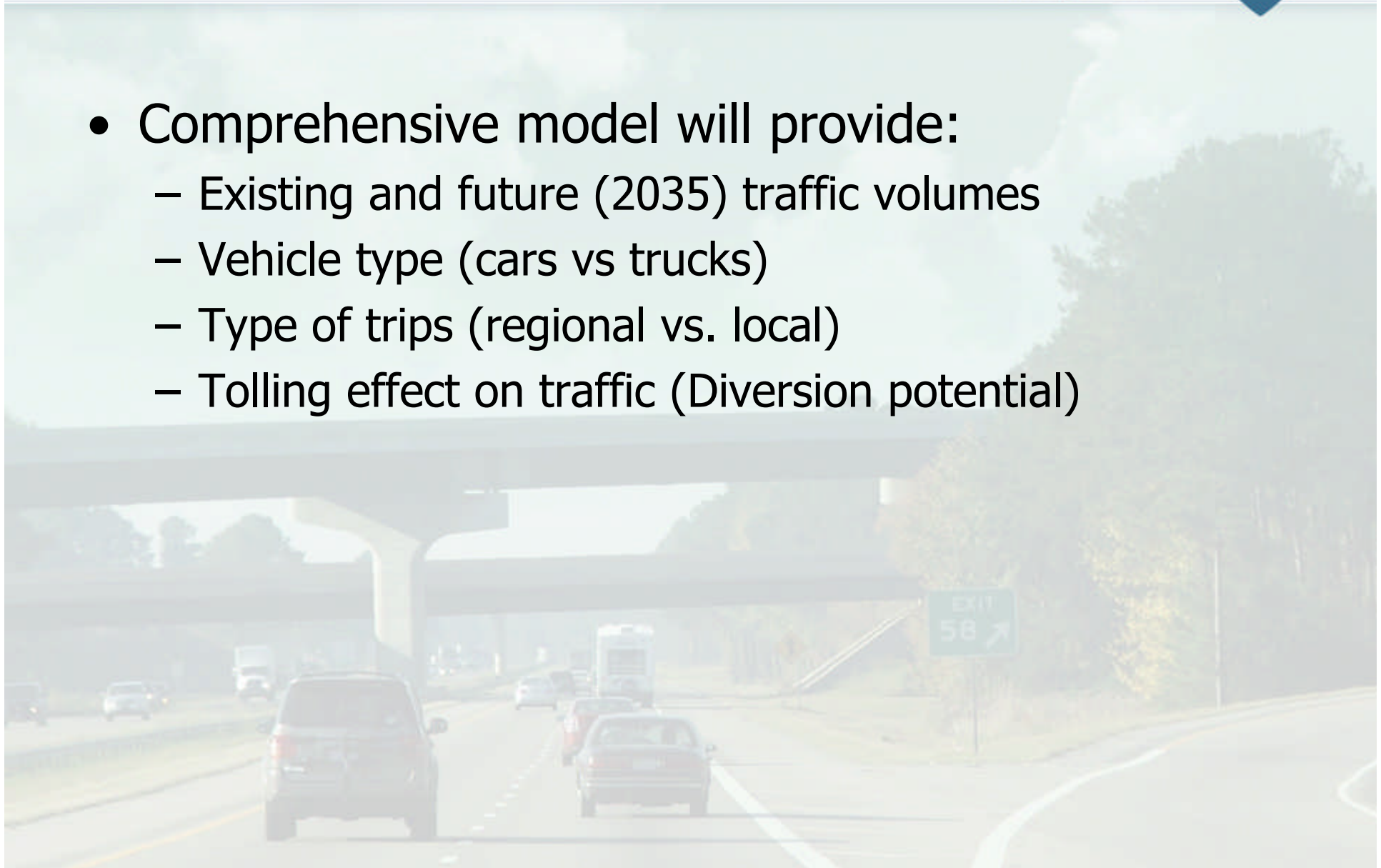
- High level screening for:
 - Wetlands
 - Cultural resources
 - Historic properties
- Demographics analysis



Traffic Model



- Comprehensive model will provide:
 - Existing and future (2035) traffic volumes
 - Vehicle type (cars vs trucks)
 - Type of trips (regional vs. local)
 - Tolling effect on traffic (Diversion potential)



Public Involvement



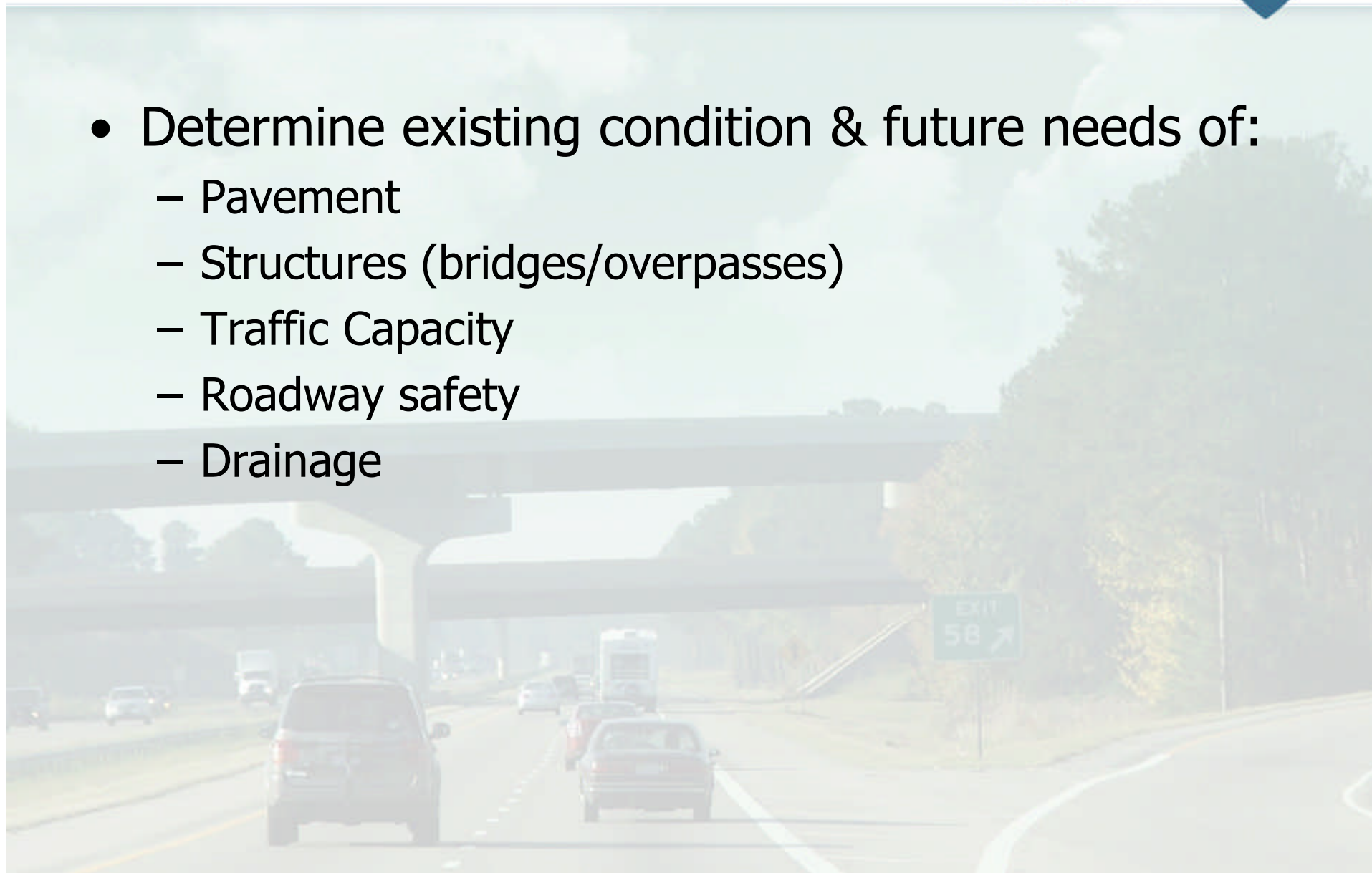
- Website: <http://driving95.com>
- Social media: Facebook & Twitter
- Hotline: 1-(877)-I95-VIEW
- Brochures & posters
- Local Officials meetings – January 2010 ✓
- Editorial Board meetings – March 2010 ✓
- Public meetings – Summer 2010 & Fall 2011



Needs Assessment



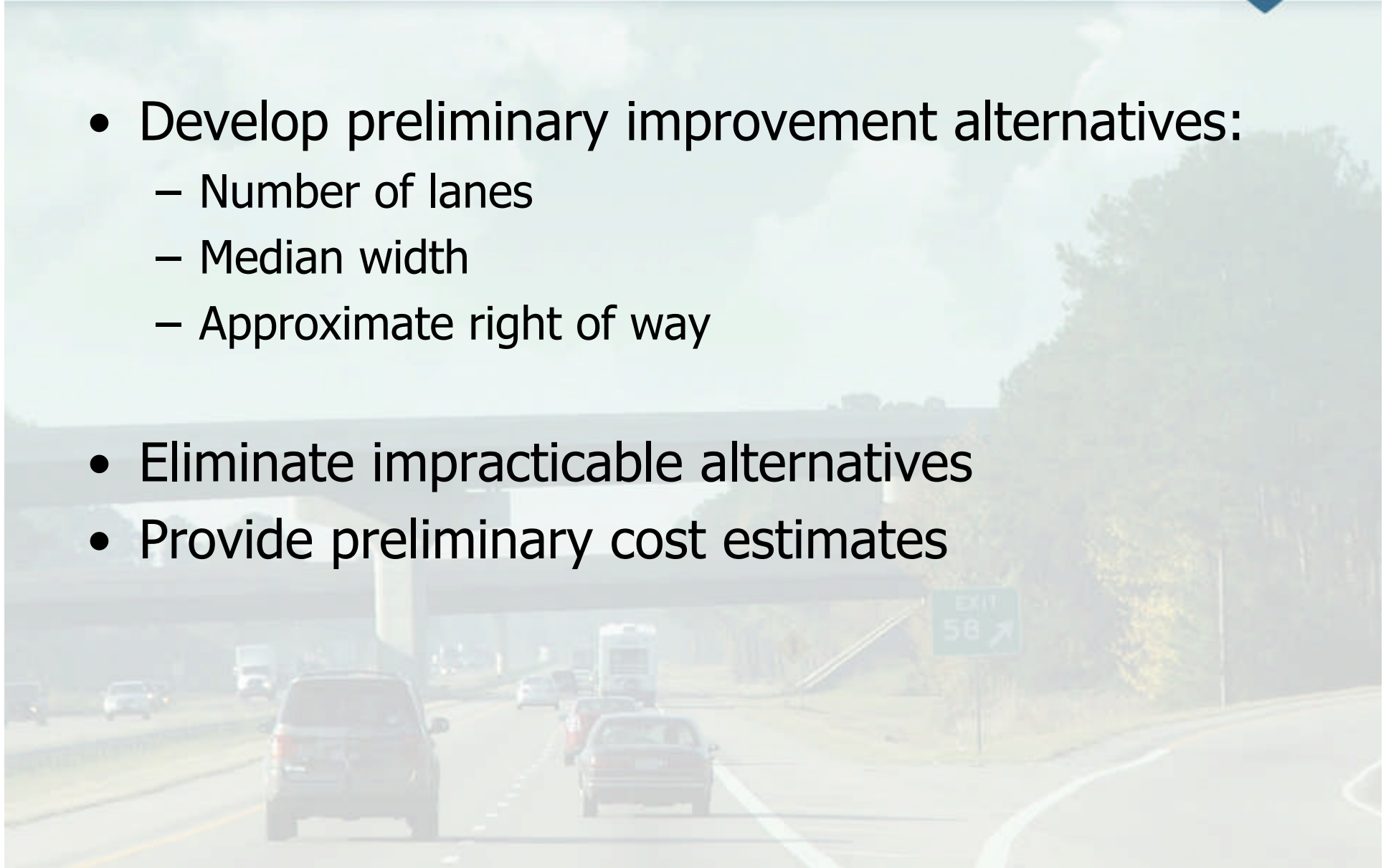
- Determine existing condition & future needs of:
 - Pavement
 - Structures (bridges/overpasses)
 - Traffic Capacity
 - Roadway safety
 - Drainage



Alternatives Analysis



- Develop preliminary improvement alternatives:
 - Number of lanes
 - Median width
 - Approximate right of way
- Eliminate impracticable alternatives
- Provide preliminary cost estimates



Financial Model

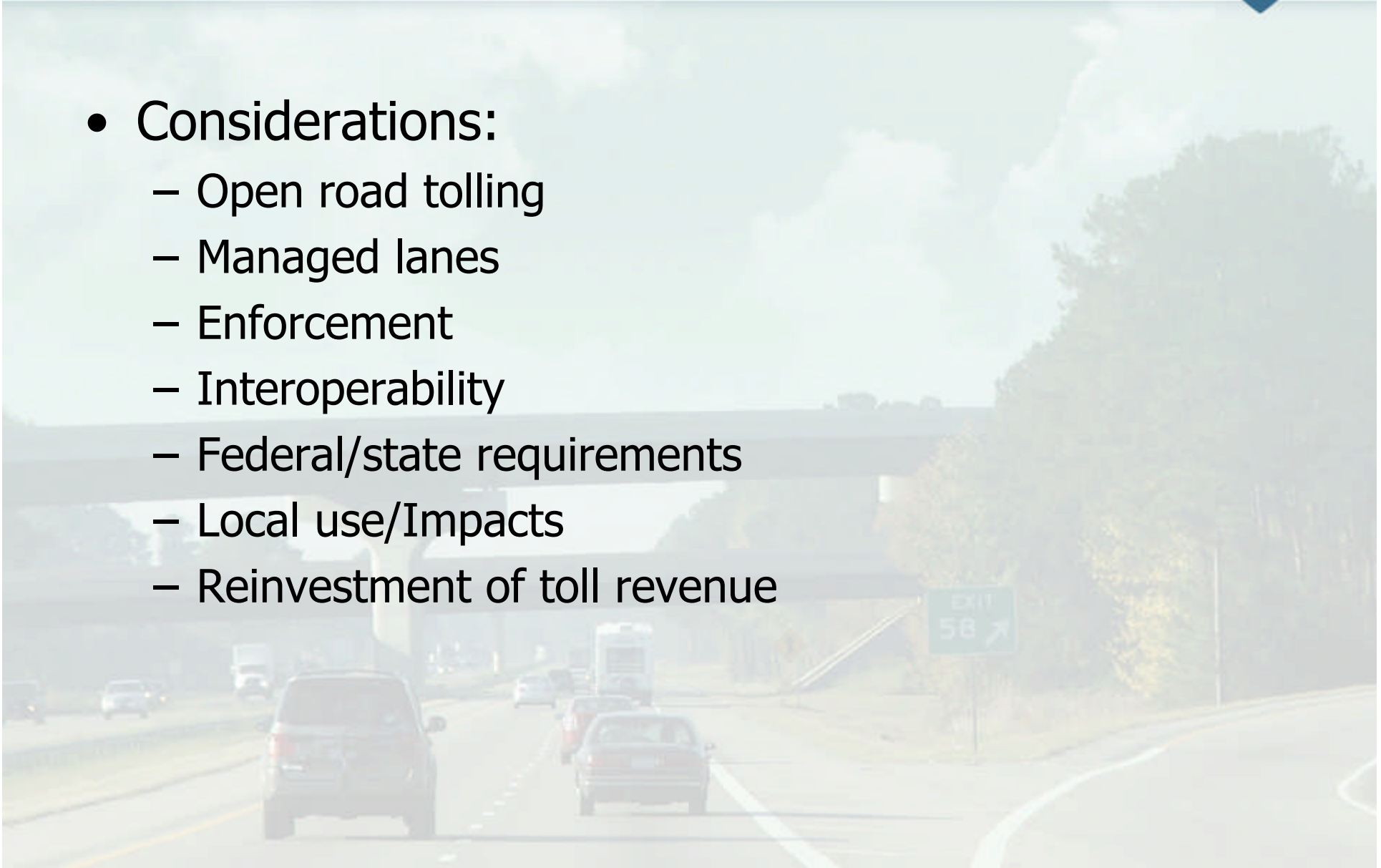


- Evaluate multiple funding options
 - Traditional funding
 - Tolling
 - Toll at borders
 - Toll all lanes
 - Toll new lanes
 - Etc.
 - Local option tax
 - Etc.
- Determine construction timeframes based on funding availability

Tolling



- Considerations:
 - Open road tolling
 - Managed lanes
 - Enforcement
 - Interoperability
 - Federal/state requirements
 - Local use/Impacts
 - Reinvestment of toll revenue



Legislation – HB 1245

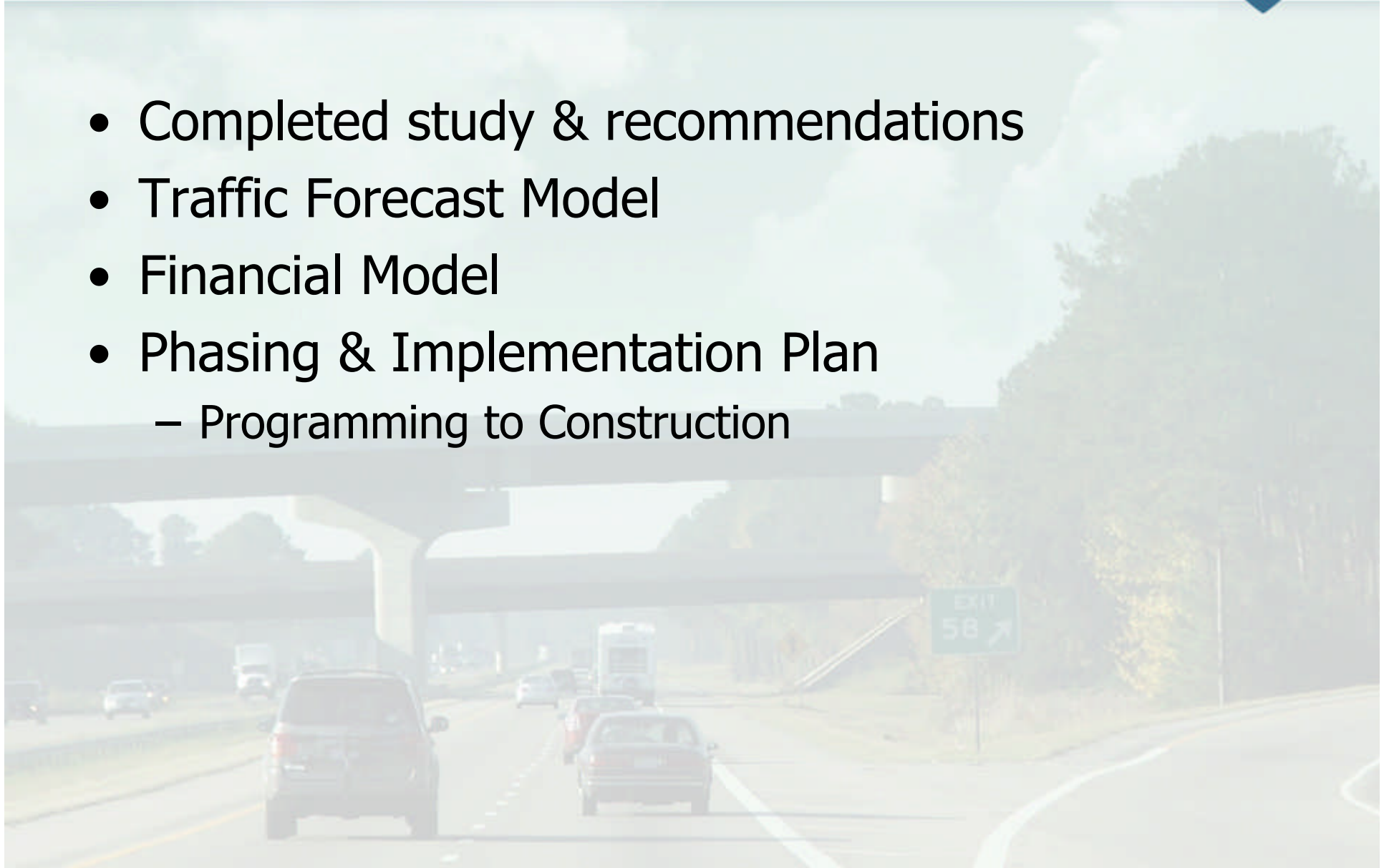


- Task:
 - NCDOT to study tolling at the borders on interstates.
 - I-95 was used as a study sample.
- Results:
 - Border tolling won't generate sufficient revenue.
 - Produces enough to build 1 mile/year
 - Won't really address long-term needs
 - Tolling entire corridor will produce significantly more revenue than border tolling.
 - Produces more than 10 times revenue of border tolling (approx. 20 years to reconstruct all of I-95)
 - Possible interstate commerce issues

Study Deliverables



- Completed study & recommendations
- Traffic Forecast Model
- Financial Model
- Phasing & Implementation Plan
 - Programming to Construction



Project Timeline



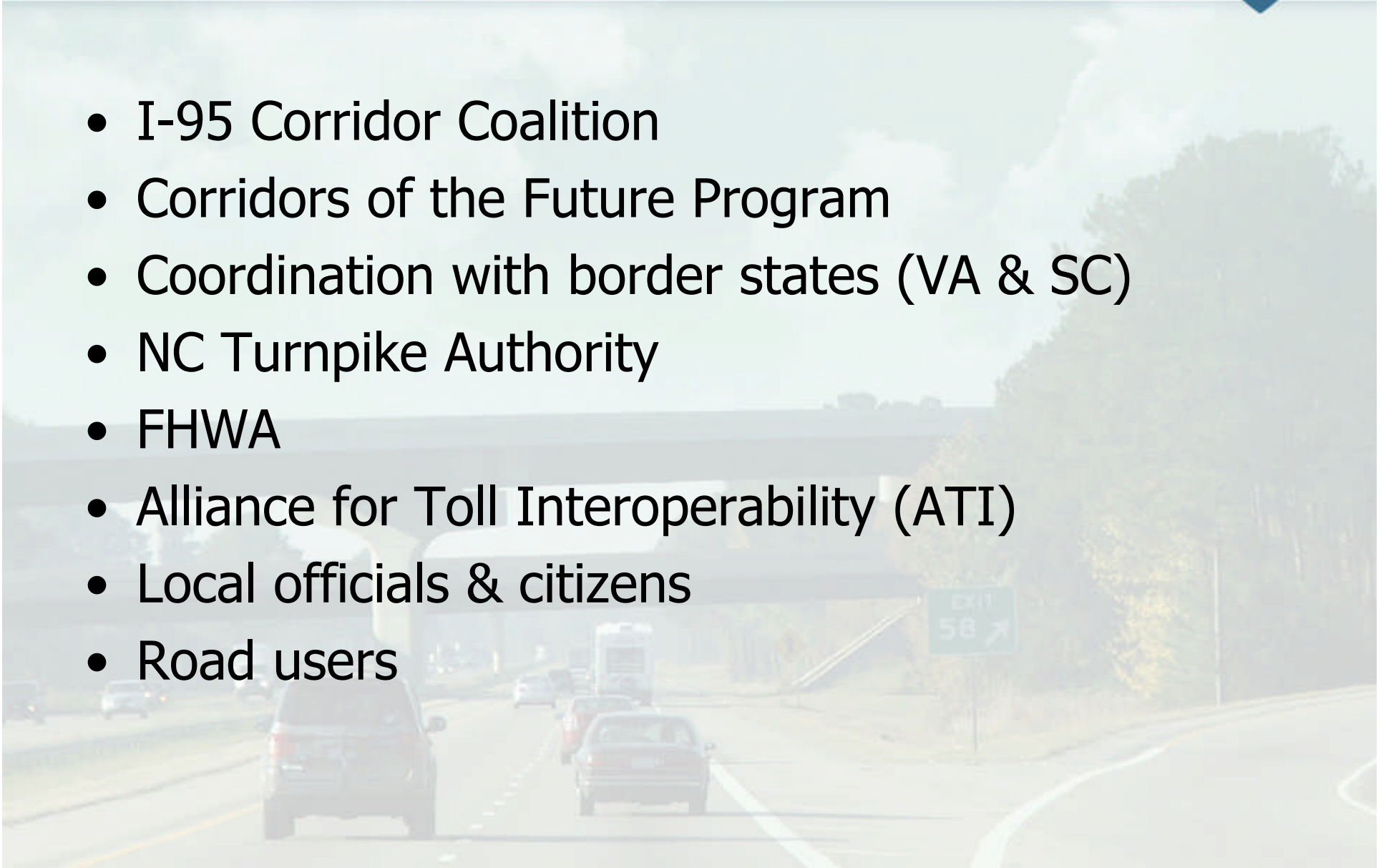
- Project Kickoff October 2009
- Public Involvement Project duration
- Needs Assessment Winter through Spring 2010
- Financing Fall 2011
- Completed Study Fall 2011



Cooperative Efforts



- I-95 Corridor Coalition
- Corridors of the Future Program
- Coordination with border states (VA & SC)
- NC Turnpike Authority
- FHWA
- Alliance for Toll Interoperability (ATI)
- Local officials & citizens
- Road users



Questions?

